

DERWENT-ACC-NO: 1988-248726

DERWENT-WEEK: 198835

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TITLE: Method and appts. for removing  
sulphur di:oxide from waste gases - by spraying gas flow  
with suspension of pyrolusite, with different density  
spraying in parts

INVENTOR: GOVOROV, V G

PRIORITY-DATA: 1985SU-3987865 (December 13, 1985)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
SU 1375300 A		February 23, 1988	N/A
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ABSTRACTED-PUB-NO: SU 1375300A

BASIC-ABSTRACT:

The gases are sprayed with an aq. suspension of pyrolusite under conditions of constant ratio of phase load at entrance and exit of contact zone, as well as in its central part. Central part is sprayed with flow of circulating suspension, from which is removed part for spraying inlet section. To remainder of suspension is added a flow formed during washing of gas by fresh suspension at exit from contact zone. Density of spray in

central part is  
higher than at entrance. USE/ADVANTAGE - In chemical  
technology for the  
cleaning of gases to remove SO2. Absorption process is  
intensified as a result  
of the rational variation of the density of the spray and  
the freshness of the  
suspension over the length of the contact zone.

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Basic Abstract Text - ABTX (1):

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Title - TIX (1):

Method and appts. for removing sulphur di:oxide from  
waste gases - by  
spraying gas flow with suspension of pyrolusite, with  
different density  
spraying in parts

Standard Title Terms - TTX (1):

METHOD APPARATUS REMOVE SULPHUR DI OXIDE WASTE GAS  
SPRAY GAS FLOW

SUSPENSION PYROLUSITE DENSITY SPRAY PART